

**To:** Connors, Thomas[Thomas.Connors2@hdrinc.com]  
**From:** LaPoma, Jennifer  
**Sent:** Tue 1/26/2016 8:50:33 PM  
**Subject:** FW: New Cassel - PDI Cost Estimate  
[PDI Cost Estimate.xlsx](#)

Tom,

Jeff sent me this cost estimate file.

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**From:** Catanzarita, Jeff  
**Sent:** Tuesday, January 05, 2016 7:16 AM  
**To:** LaPoma, Jennifer <LaPoma.Jennifer@epa.gov>  
**Subject:** FW: New Cassel - PDI Cost Estimate

Sorry Jen, I think I forgot to send this to you.

I have not had time to look at it; Tom and Mike should maybe take a look

Thank you,

Jeff M. Catanzarita  
Environmental Engineer

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**United States Environmental Protection Agency**  
National Environmental Response Team  
2890 Woodbridge Avenue, Bldg. 205, Bay A, MS101  
Edison, New Jersey 08837-3679



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“The individual has always had to struggle to keep from being overwhelmed by the tribe. If you try it, you will be lonely often, and sometimes frightened. But no price is too high to pay for the privilege of owning yourself.”

*Nietzsche*

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**From:** Bolduc, Jean M [<mailto:jean.m.bolduc@lmco.com>]  
**Sent:** Monday, December 21, 2015 1:38 PM  
**Subject:** New Cassel - PDI Cost Estimate

Jeff,

The attached Excel file contains detailed cost estimates for Directives 1 (Gauging and Sampling) and 2 (VPBs and Well Installation).

In our teleconference, the estimated costs discussed for the other Directives were: \$250,000 to \$400,000 for Directive 3 (Aquifer Testing), \$500,000 per test (2 tests) for Directive 4 (In-Well Vapor Stripping Pilot Testing), and \$250,000 for Directive 5 (ISCO Pilot Testing).

Jean